

[illegible]

A frame control method and apparatus is described for controlling a transport frame used for transmitting a data unit via a dedicated channel between network elements of a communication system having different types of connections. The frame type coding of the transport frame is selected in accordance with a connection type of the dedicated channel, such that a connection type specific frame length, dimension and/or segmentation is achieved. This allows an efficient usage of transmission resources, wherein an overhead of control information for the transmission of the data units is achieved.